

19970606.qrp qrp-por0.748
 >From owner-qrp-l@Lehigh.EDU Thu Jun 5 18:03 CDT 1997
 >Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
 > by uro.theporch.com (8.8.6.Beta4/A-UX-3.0.1) with ESMTTP id SAA02821
 > for <shimshon@uro.theporch.com>; Thu, 5 Jun 1997 18:03:46 -0500 (CDT)
 >Received: from fidoii.CC.lehigh.EDU (fidoii.CC.lehigh.EDU [128.180.1.4])
 > by sco.theporch.com (8.8.6.Beta4/SCO-5.0.2) with ESMTTP id XAA03403
 > for <shimshon@theporch.com>; Thu, 5 Jun 1997 23:03:38 GMT
 >Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id
 <35025-69836>; Thu, 5 Jun 1997 19:03:09 -0400
 >Date: Thu, 5 Jun 1997 19:03:07 EDT
 >Sender: owner-qrp-l@Lehigh.EDU
 >Precedence: bulk
 >From: qrp-l@Lehigh.EDU
 >To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
 >Subject: QRP-L digest 748
 >Mime-Version: 1.0
 >Content-Type: text/plain; charset=us-ascii
 >X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
 >Message-Id: <97Jun5.190309edt.35025-69836+212@fidoii.cc.Lehigh.EDU>
 >Status: 0

QRP-L Digest 748

Topics covered in this issue include:

- 1) [20833] Re: Book - Build Your Own Intelligent Amateur Radio Transceiver
by Ken Lopez <kjlopez@earthlink.net>
- 2) [20834] E-mail for A & A Engineering
by Chandler Russell H <rhchan@facstaff.wm.edu>
- 3) [20835] Re: swap
by Bernie Doehner <bad@uhf.wireless.net>
- 4) [20836] If Ellen can, anyone can?
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 5) [20837] 24 Hour Clocks
by PDouglas12@aol.com
- 6) [20838] Re: Small 24 Hour clocks (fwd)
by Elliott Lawrence <edl@pacbell.net>
- 7) [20839] Re: 24 Hr clocks
by Tom Bowman <tbowman@nbn.net>
- 8) [20840] 24 Hour Clocks, Mini-Keys, & Mini-Paddles!!!
by wpc@west.net (Whiterook Products Company)
- 9) [20841] CW filters/bandwidth discussion
by Jim W7LS <w7ls@brigadoon.com>
- 10) [20842] Swan QRP rig (REALLY!) 4 sale/swap
by Jim W7LS <w7ls@brigadoon.com>
- 11) [20843] Re: If Ellen can, anyone can?
by Bob Hightower <ki7mn@dancris.com>

- 12) [20844] Re: CW Bandwidth (the analysis continues)
by Hank Kohl <k8dd@contesting.com>
- 13) [20845] Re: Fishing Pole for SLV
by ed.welch@cheaha.com (ED WELCH)
- 14) [20846] Re: Swan QRP rig (REALLY!) 4 sale/swap
by Mike Duke <K5xu@cris.com>
- 15) [20847] Re: Fishing Pole for SLV
by Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
- 16) [20848] gel cel charger
by "Dean Marzocca" <n2tnn@ifu.net>
- 17) [20849] Re: Swan QRP rig (REALLY!) 4 sale/swap
by Ken Lopez <kjlopez@earthlink.net>
- 18) [20850] Re: FDI Building Contest - Where's the Pictures?
by Steve Hideg <Steve.Hideg.1@nd.edu>
- 19) [20851] Re: 24 hr clock
by ed.welch@cheaha.com (ED WELCH)
- 20) [20852] Heartland clock and RF interference???
by ed.welch@cheaha.com (ED WELCH)
- 21) [20853] Want Murata CFJ455K12 and TenTec 282,285
by Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
- 22) [20854] Re: WPX Result
by "HS2JFW <Joe>" <a37s0112@daisy.bu.ac.th>
- 23) [20855] Re: Communication Quarterly Articles?
by Neil Heckt <neil@aade.com>
- 24) [20856] UPDATED ! QRP-L MEMBERS WPX SCORES
by Alan Kaul <kaul@netcom.com>
- 25) [20857] Fairness of forsale items
by Larry Jones <ljones@flash.net>
- 26) [20858] FD 97' QRP Clubs - Update
by Bill Todd <bill@techline.com>
- 27) [20859] SST Progress report
by svecbrdk@well.com (L.Svec,W.Burdick)
- 28) [20860] Field Day - southWEST ohio,, vice southEAST! (oops)
by Richard Powell <ripowell@mpna.com>
- 29) [20861] could'nt sleep
by Richard Wilkerson <richqrp@cts.com>
- 30) [20862] Re: Fishing Pole for SLV
by ed.welch@cheaha.com (ED WELCH)
- 31) [20863] Re: 24 hr clock
by Bill Acito 05-Jun-1997 0840 <acito@asdg.ENET.dec.com>
- 32) [20864] CQrp Meeting
by Steve Bornstein <saborn@freenet.columbus.oh.us>
- 33) [20865] Back Issues of QRP ARCI Quarterly
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 34) [20866] Need W7EL's e-mail address
by cooper@gmpvt.com (Tom Cooper)
- 35) [20867] Re: Book - Build Your Own Intelligent Amateur Radio Transceiver
by "j.w. thornton" <dub@oklahoma.net>

- 36) [20868] Re: 24 hour clocks/with back-up
by "Jerry Martin" <jmartin@tofu.alt.net>
- 37) [20869] Wal-Mart \$4.95 24 Hour Clock (Stopwatch)
by ji3m@maxwell.com (James R. Duffey)
- 38) [20870] Re: Book - Build Your Own Intelligent Amateur Radio Transceiver
by Ken Lopez <kjlopez@earthlink.net>
- 39) [20871] listproc@Lehigh.EDU: Error Condition Re: Ten-Tec 405 Amp Hel
by Mark E Gustoff <Mark_E_Gustoff@ccm.ch.intel.com>
- 40) [20872] QRP frequencies
by Christopher Moore <christopher.moore@snet.net>
- 41) [20873] 24 hr clock
by dearly@cocc.edu (Daniel K. Early)
- 42) [20874] Re: If Ellen can, anyone can?
by "Kevin F. Glynn" <KFGlynn@prodigy.net>
- 43) [20875] Argo 515 filter blowby
by Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
- 44) [20876] Re: FS 97 QRP Clubs - Update
by Bill Todd <bill@techline.com>
- 45) [20877] DXCC minus one ...
by mdwatt@usit.net (Marty Watt)
- 46) [20878] Results for the JUNE SPARTAN SPRING
by Russ Carpenter <russ@natworld.com>
- 47) [20879] Soapbox for the June Spartan Sprint
by Russ Carpenter <russ@natworld.com>
- 48) [20880] Re: DXCC minus one ...
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 49) [20881] July 97 Quarterly Table of Contents
by Monte Stark <ku7y@sage.dri.edu>
- 50) [20882] AZ ScQRPions June Meeting
by flydnq7x@primenet.com (Floyd Smithberg)
- 51) [20883] Re: Custom 38 Special Enclosures
by Kory Hamzeh <kory@avatar.com>
- 52) [20884] FS or FT: TenTec ARGO 556, Outbacker, Jr.
by mdwatt@usit.net (Marty Watt)
- 53) [20885] Best QSK
by gsurrency@juno.com (Gary L Surrency)
- 54) [20886] 50/40/30 upcoming schedule
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 55) [20887] Pacific Plaque
by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
- 56) [20888] Bootlegger Alert
by Bill Jones <kd7s@psnw.com>
- 57) [20889] Off to Camp. 72 Everybody!
by n5zgt@swcp.com (Brian Mileschosky)
- 58) [20890] Re: Bootlegger Alert
by Paul Harden <pharden@aoc.nrao.edu>
- 59) [20891] Re: Bootlegger Alert
by Ken Lopez <kjlopez@earthlink.net>

- 60) [20892] Re: Swan QRP rig (REALLY!) 4 sale/swap
by Ken Lopez <kjllopez@earthlink.net>
- 61) [20893] Re: Bootlegger Alert
by "Dana H. Myers" <myers@bigboy.West.Sun.COM>
- 62) [20894] Joining ARCI
by Monte Stark <ku7y@sage.dri.edu>
- 63) [20895] Re: Bootlegger Alert
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 64) [20896] 38S Tuning Pots
by Norm Melick <henmel@worldnet.att.net>
- 65) [20897] RE: ARRL CW SS QRP Plaque (fwd)
by Joe Gervais <vole@primenet.com>
- 66) [20898] ARRL Dupe Sheets???
- by Ed Loranger <we6w@qsl.net>
- 67) [20899] Re: Bootlegger Alert
by Joe Gervais <vole@primenet.com>
- 68) [20900] Re: Bootlegger Alert
by Joe Gervais <vole@primenet.com>
- 69) [20901] Dupsheets
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 70) [20902] T5W
by Buck Switzer <n8cqa@tir.com>
- 71) [20903] Electronics / Engineering Links
by Dave Edson <edson@lisco.com>
- 72) [20904] Re: Custom 38 Special Enclosures
by Kory Hamzeh <kory@avatar.com> (by way of Jerry Parker <jparker@fix.net>)

Date: Wed, 04 Jun 1997 16:14:13 -0700
From: Ken Lopez <kjllopez@earthlink.net>
To: johns516@maroon.tc.umn.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [20833] Re: Book - Build Your Own Intelligent Amateur Radio Transceiver
Message-ID: <3395F6C9.8F4@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I found this book at the local Borders bookstore in the electronics section. The ISBN is 0-07-028264-1

This looks like a very useful and thought provokin book. I am about to dig into it. It looks like it will be easy to find.

Cheers,
Ken, N6TZV

Date: 4 Jun 97 19:23:43
From: Chandler Russell H <rhchan@facstaff.wm.edu>
To: qrp-1@Lehigh.EDU, homebrew@qsl.net
Subject: [20834] E-mail for A & A Engineering
Message-ID: <199706042322.TAA17832@facstaff.wm.edu>

List,
Does A & A Engineering of Anaheim, California
have either an e-mail address or a Website
URL.

Tnxs
Russ

Date: Wed, 4 Jun 1997 19:44:20 -0400 (EDT)
From: Bernie Doehner <bad@uhf.wireless.net>
To: K4NK@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [20835] Re: swap
Message-ID: <Pine.BSF.3.95.970604194248.1468H-1000000@uhf.wdc.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> QRP Gang;
> I have a A&A engineering (Breed Rig) 20 meter monobander with all docs
> in vy good condx.. Would like to swap it for a 40 meter monobander (any
> brand) in similar shape.
> Please E-mail direct. I am also looking to buy a MFJ 971 tuner .
>

72 Thanks Les K4NK

Hey Les:

I just sold Bob Duchworth (on this list), the 30 meter version. I didn't
really have a overload problem on the receiver, but he does on his 80
meter loop. Did you have overload problems on the 20 meter version?

Bernie nu1s

Date: Wed, 4 Jun 1997 19:53:22 -0400
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: "qrpforum" <qrp-l@lehigh.edu>
Subject: [20836] If Ellen can, anyone can?
Message-ID: <199706042352.TAA19403@mh004.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Gang,

Something neat is happening at our house. As some of you know, Ellen, my non-ham XYL, won an EMTECH xcvr kit at Dayton. The other day Danny Gingell sent me a note and said to remember that it was Ellen's rig, not mine, so maybe she should build it. Well, she's a pretty crafty person and can't resist a challenge. Once she took a flying lesson in a J-6 Cub because someone thought she'd be too scared. She flew the Cub, and today she started the radio. She's got the first two sections complete and working.

Of course, she's got the best Elmer on Charlottesville Road in Greensboro, NC!! (He says, modestly) But she's really starting from scratch. The first session was, "Here's what a good solder joint looks like". The second was, "there are several kinds of capacitors", etc.

Gotta go, she's bugging me to get back in the shack. (I'm working on my SLV and answering her questions as she builds.) I'll keep you posted. QRP must be very contagious.

Bob Kellogg, AE4IC
Probably, but not nececelery. -- Benny Hill

Date: Wed, 4 Jun 1997 20:22:59 -0400 (EDT)
From: PDouglas12@aol.com
To: qrp-l@lehigh.edu
Subject: [20837] 24 Hour Clocks
Message-ID: <970604202158_-1195368381@emout04.mail.aol.com>

Gang,

I second the endorsement of the MFJ 24 hour clock. I had always wanted a true 24 hour clock (as opposed to a 12 hour movement with dual concentric hour markings) and MFJs is very reasonably priced, and quartz accurate. Fits my shack to a "T", is good looking, and there is nothing out there close to

it in price.

72,

Preston WJ2V

Date: Wed, 04 Jun 1997 17:39:58 -0700
From: Elliott Lawrence <edl@pacbell.net>
To: rob3ert@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [20838] Re: Small 24 Hour clocks (fwd)
Message-ID: <33960ADE.1CAF@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Robert G. Parks wrote:

>
> Gang,
>
> I just called Heartland and these are all gone! The rep said that it
> didn't look like they would be able to get any more.
>
> C'est dommage.
>
> Bob Parks
> K6AEC (Las Vegas)
>
> On Wed, 4 Jun 1997 15:17:41 -0500 (CDT) george fremin iii
> <geoiii@bga.com> writes:
> >Here is a copy of a message I saved about a clock
> >that sounded very cool. I have not gotten one yet.
> >
> >
> >George
> >K5TR
> >geoiii@bga.com
> >
> >
> >frenaye@pcnet.com writes:
> >>From owner-topband@paris.akorn.net Tue Jan 21 19:25:37 1997
> >>X-Authentication-Warning: paris.akorn.net: majordom set sender to
> >owner-topband using -f
> >>X-UIDL: 853985015.023
> >>From: frenaye@pcnet.com

> >>Date: Tue, 21 Jan 97 19:37:00 EST
> >>Subject: TopBand: RE: Small 24 Hour clocks
> >>To: *** YCCC *** <yccc@yccc.org>
> >>Cc: topband@contesting.com
> >>X-Priority: 3 (Normal)
> >>X-Mailer: Chameleon 4.6, TCP/IP for Windows, NetManage Inc.
> >>Message-Id: <Chameleon.970121194313.frenaye@K1KI.pcnet.com>
> >>Mime-Version: 1.0
> >>Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
> >>Sender: owner-topband@akorn.net
> >>Precedence: bulk
> >>X-Status:
> >>
> >>
> >>I ordered a couple of these clocks - Very FB! A couple of notes
> >though:
> >>
> >>1) Tell them you saw them in catalog #L1C1-1894 and the shipping cost
> >will
> >>be waived (\$4.95 for one, \$5.95 for two).
> >>
> >>2) Mine arrived with dead batteries. When I called customer support
> >they
> >>told me to go out and buy replacement batteries and send them a copy
> >of the
> >>invoice for credit.
> >>
> >>
> >>73 Tom
> >>
> >>
> >>--- On Sun, 12 Jan 1997 14:23:12 EST km1h@juno.com wrote:
> >>
> >>>Found this little tidbit on the QRP reflector. Sounds like a nice
> >>>alternative to the MFJ junk which has been getting quite a thrashing
> >>>there lately. We need to get all those Heard QSO's logged correctly!
> >>>73....Carl KM1H
> >>>
> >>>
> >>>On Sun, 12 Jan 1997 10:48:14 -0600 watkins <watkins@socketis.net>
> >writes:
> >>>Hi, Friends -
> >>>
> >>>I have watched the discussion of 24 hour format clocks, and
> >>>would like to let you all know that my favorite shack clock
> >>>is now available, real cheap.
> >>>
> >>>Made by Oregon Scientific, it has a 2 1/4 X 1 1/2 inch see-through
> >>>display (LCD? I don't know the exact tech description) which gives

> >>>>time (24 hr, selectable) in 1/2 inch letters, as well as the date
 > >>>>(in my favorite 12/1/97 format) and also a small calendar for the
 > >>>>month in question, automatically updated for 200 years.
 > >>>>
 > >>>>At a push of a button, it gives you another time zone. Mine
 > >displays
 > >>>>Zulu, (and also the date in Zulu, to avoid logging confusion) with
 > >>>>CST available at the button push. It has an alarm, and
 > >>>>also a thermometer (C or F) which notifies me how hot it gets under
 > >
 > >>>>my desk lamp, which is important since my cat sleeps there
 > >sometimes
 > >>>>and I wouldn't want to broil his meager brain. It has been
 > >accurate
 > >>>>and reliable so far, uses a G13 lithium button battery (1 year and
 > >>>>still ticking), and comes with adequate documentation.
 > >>>>
 > >>>>On sale for \$14.99 from Heartland America, 1 800 229 2901, shipping
 > >
 > >>>>free,
 > >>>>Item number L1-8916. I paid 30 bucks, and never felt cheated at
 > >that
 > >>>>price. No financial interest blah blah blah...See you all on the
 > >>>>radio.
 > >>>>
 > >>>>73 de Daniel
 > >>
 > >>
 > >>-----
 > >>E-mail: frenaye@pcnet.com
 > >>Tom Frenaye, K1KI, P O Box 386, West Suffield CT 06093 Phone:
 > >>860-668-5444
 > >>
 > >>
 > >>--
 > >>FAQ on WWW: <http://www.contesting.com/topband.html>
 > >>Submissions: topband@contesting.com
 > >>Administrative requests: topband-REQUEST@contesting.com
 > >>Sponsored by Akorn Access, Inc & N4VJ / K4AAA
 > >>
 > >
 > >
 > >--
 > >
 > >George Fremin III
 > >Austin, Texas C.K.U. "It is hard to be in one place at the same
 > >time."
 > >K5TR -- Overheard at the TR-Log booth

> >512/416-7010 at the Dayton Hamvention
> >geoiiii@bga.com
> >
> >

Try Fry's. Last time I was there they had them in stock.
Eliott WA6TLA

Date: Wed, 04 Jun 1997 20:52:33 -0400
From: Tom Bowman <tbowman@nbn.net>
To: qrp-1@lehigh.edu
Subject: [20839] Re: 24 Hr clocks
Message-ID: <2.2.32.19970605005233.006d458c@nbn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My favorite is a 24-hour travel alarm clock made by Norelco, model TCL-20.
Cost me all of about \$5 or \$6 at Big Lots. Runs on a button-cell battery
about the size
that runs the meter circuit in my old Nikon 35 mm camera.

The Norelco displays time in 12 different time zones, has 3/8" high LCD
digits, and folds shut like a clam shell. Also has the obligatory world map with
time zone lines on the face under the digits.

Tom Bowman, WA3REY <>< Mount Gretna, PA 17064 tbowman@nbn.net

Date: Wed, 4 Jun 1997 17:54:59 -0800
From: wpc@west.net (Whiterook Products Company)
To: qrp-1@Lehigh.EDU
Subject: [20840] 24 Hour Clocks, Mini-Keys, & Mini-Paddles!!!
Message-ID: <v01530500afbbca88705b@[205.254.241.17]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Many of you might not be aware of it, but in addition to our popular line
of Pocket Mini-Keys, Mini-Paddles, and Mini-Keyers, we manufacture a line
of high quality SIX DIGIT LED Display clocks.

Check out our World Wide Web Site!

Thanks & 73, John

John L. Roblin, WA6KY0 (QRP-L #759)
Whiterook Products Company (WPC)
309 South Brookshire Ave.
Ventura, CA 93003-4413 U.S.A.

Telephone & Fax: +1 (805) 339-0702
E-mail: wpc@west.net
World Wide Web Site: <http://www.west.net/~wpc/>

Manufacturer of a unique and growing line of Amateur Radio Products,
Electronic Kits, and Commercial Grade Clocks.

Date: Wed, 4 Jun 1997 18:13:16 -0700 (PDT)
From: Jim W7LS <w7ls@brigadoon.com>
To: qrp-l@Lehigh.EDU
Subject: [20841] CW filters/bandwidth discussion
Message-ID: <199706050113.SAA07101@siskiyou.brigadoon.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Wowzers! I mean, tossing out a discussion topic is like throwing a hunk of
meat into a lions den :-)

I learned from it. Sounds like a 500 Hz filter is not a bad thing,
considering hunting for signals that drift, etc.

73 de Jim, W7LS

Date: Wed, 4 Jun 1997 18:13:08 -0700 (PDT)
From: Jim W7LS <w7ls@brigadoon.com>
To: qrp-l@Lehigh.EDU
Subject: [20842] Swan QRP rig (REALLY!) 4 sale/swap
Message-ID: <199706050113.SAA07068@siskiyou.brigadoon.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi, guys. I was mining around the area and now have a Swan SS-15 rig. It was made in 1973, runs 15 watts input, ssb and cw, 80-10 meters (pre-WARC). Runs on 12v, 800 mA receive, 2A transmit. Looks in fine shape with fewer than normal number of scratches and wear. Does receive well and does transmit fine.

They made these as a basic 15 watt rig and you could buy a 100 or 200 watt input amplifier brick for the back if desired. I do not have these bricks. I do have a copy of the manual and schematic. The manual is labled as "preliminary manual". Has vox and cw semi-breakin if desired. I am not sure if they ever really produced these in any quantity. Anyone know?

This is not a small qrp rig. It is a bit smaller than the Swan 350 and a bunch lighter. I don't have a real need for it and would consider selling it or swapping it for something of interest. It is a really unusual rig. Very well built.

Anyone know the history behind this rig? Anyone have ham magazines from 1973 that show an ad for it?

Tnx/73 de Jim, W7LS

Date: Wed, 4 Jun 1997 18:38:03 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: ae4ic@nr.infi.net
Cc: qrp-l@Lehigh.EDU
Subject: [20843] Re: If Ellen can, anyone can?
Message-ID: <199706050138.SAA09880@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:53 PM 6/4/97 -0400, you wrote:

>Gang,

>

>Something neat is happening at our house. As some of you know, Ellen, my
>non-ham XYL, won an EMTECH xcvr kit at Dayton. The other day Danny Gingell
>sent me a note and said to remember that it was Ellen's rig, not mine, so
>maybe she should build it. Well, she's a pretty crafty person and can't
>resist a challenge. Once she took a flying lesson in a J-6 Cub because
>someone thought she'd be too scared. She flew the Cub, and today she
>started the radio. She's got the first two sections complete and working.

>

>

>Of course, she's got the best Elmer on Charlottesville Road in Greensboro,
>NC!! (He says, modestly) But she's really starting from scratch. The
>first session was, "Here's what a good solder joint looks like". The
>second was, "there are several kinds of capacitors", etc.

>

>Gotta go, she's bugging me to get back in the shack. (I'm working on my

>SLV and answering her questions as she builds.) I'll keep you posted. QRP
>must be very contagious.

>

>

Boy, I'm glad someone else is in the boat with me! My xyl (N7XJW) is hot on me to let her start on the next kit, but I want her to concentrate on her code for now. Hope she gets the upgrade soon, so we can get to it.

Good going, Bob. Maybe we can get more y1's involved.

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP
ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>

WIMPS: QSO's=18 30=18 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=5

Date: Thu, 05 Jun 1997 02:01:44 +0100
From: Hank Kohl <k8dd@contesting.com>
To: gsurrency@juno.com
Cc: qrp-l@lehigh.edu
Subject: [20844] Re: CW Bandwidth (the analysis continues)
Message-ID: <2.2.32.19970605010144.006be610@tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 14:19 6/4/97 -0700, you wrote:

>..... What's the story? And who has the best QSK radio with
>proper rise/fall times?

>

>72,

>

>Gary Surrency AB7MY

Ten Tec is probably the best.

*/	Hank Kohl	K8DD	k8dd@contesting.com
*/	ARRL TS		(k8dd@tir.com)
*/	MI-QRP - Vice Pres.	QRP-ARCI - Director	
*/	G-QRP	ARRL/LM	QCWA/LM QCAO/LM

Date: Wed, 04 Jun 97 21:00:00 -0600
From: ed.welch@cheaha.com (ED WELCH)
To: <qrp-1@Lehigh.EDU>
Subject: [20845] Re: Fishing Pole for SLV
Message-ID: <8D924EC.000400342F.uuout@cheaha.com>
Content-Type: text

-> >BTW, now let me expose my northeast ignorance - What on earth does a
-> non-ham d o
-> >with a 20 foot rod? The only ones sold locally are 15 foot max and
-> even they >are hard to find. Do you folks out west have fish that
-> are so bad you will >only touch them with a 20 foot pole?
->
-> Joe, the non ham goes CRAPPIE (pronounced "crop ee" not crap ee)
-> FISHING. These fish can be spooked easily. The further away the
-> better...hence 20 FT. This fish is very popular in the
-> east...especially the southeast. They are also very good to eat. Most
-> consider them the "flounder" of freshwater.

Wait a minute, Frank. Down here in south Alabama along the
Chattahoochee and Alabama Rivers and the creeks, rivers, and lakes in
between we pronounce it "crop ee".....of course we also pronounce
"Clinton" differently down here, but we won't go into that.<g>
Location has a lot to do with pronuciation. <g> Also, crappie sometimes
are found at deeper depths and the added length of the poles allow you
to have a longer line, thus the ability to fish deeper.

Ed KF4KRV

Date: Wed, 4 Jun 1997 22:14:41 -0400 (EDT)
From: Mike Duke <K5xu@cris.com>
To: Jim W7LS <w7ls@brigadoon.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [20846] Re: Swan QRP rig (REALLY!) 4 sale/swap
Message-ID: <Pine.SUN.3.96.970604221301.12240E-100000@galileo.cris.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I don't want it, but you have a really rare bird there. I only knew two
folks who had the Swan SS-200, and never worked the 15. If I remember
correctly, it's list in 1973 was in the \$600 range.
73,
Mike

AMATEUR RADIO STATION K 5 X U
Jackson, Mississippi

Date: Wed, 04 Jun 1997 18:25:43 -0400
From: Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
To: jeverhar@camden.lmco.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [20847] Re: Fishing Pole for SLV
Message-ID: <3395EB67.651B@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>>>BTW, now let me expose my northeast ignorance - What on earth does a non-ham
dowith a 20 foot rod? The only ones sold locally are 15 foot max and even they
are hard to find. Do you folks out west have fish that are so bad you will
only touch them with a 20 foot pole?

They are used for crappie fishing. Tie on hook, bobber and sinker; hook a minnow
and drop your bait way back
in the weeds where them rascals is hiding. The long length is to reach areas not
normally available to the
unequipped angler.

--

73 de
KC8DGU
Tom Isgro
OHIO

10-X #68364 SCI #1479 QRP-L #945 ARS #203
C.A.T.T #2115 FIST 2360 NORCAL ARRL

Date: Wed, 4 Jun 1997 22:50:37 -0400
From: "Dean Marzocca" <n2tnn@ifu.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [20848] gel cel charger
Message-ID: <199706050251.WAA12855@mail.ifu.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi gang,
Does any one have experience with the Jade Solar lead/gel-cell battery controller kits? It sounds good for my new gel-cell but I know there are others out there.
I want to get one going so I can use it at FD site.
All comments will be appreciated.

72/73 Dean N2TNN NJ
n2tnn@ifu.net

Date: Wed, 04 Jun 1997 20:16:29 -0700
From: Ken Lopez <kjlopez@earthlink.net>
To: w7ls@brigadoon.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [20849] Re: Swan QRP rig (REALLY!) 4 sale/swap
Message-ID: <33962F91.118A@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim,

I tried to mail you, but your server will not accept mail from mine. Actually, it said, "we do not accept junk mail from your domain". YOU should ask about that as it may be limiting your email significantly.

I would like a description of the layout of the rig. I am interested in it, and the price. Please email directly.

Thanks,
Ken

Date: Wed, 4 Jun 1997 22:28:55 -0500
From: Steve Hideg <Steve.Hideg.1@nd.edu>
To: rayj@starbase.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [20850] Re: FDI Building Contest - Where's the Pictures?
Message-ID: <v03102801afbbe2b5a76a@[129.74.35.26]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:38 AM -0400 6/4/97, Ray Johnston wrote:
>Has anyone posted the pictures of the winning (and not so winning)
>entries
>in the FDI Norcal Builders Contest? I had to cancel the trip at the
>last
>minute, but would like to see what people built. Thanks...

Sorry for the delay, but being buried at work and experiencing a hard disk failure has delayed my scanning and deployment of these images.

I should have them really soon.

--Steve

Steve Hideg, N8HSC/9 QRP-L #136
Check out the Internet QRP Club's site on the WorldWide Web:
<<http://qrp.cc.nd.edu/QRP-L/>>

Date: Wed, 04 Jun 97 21:09:00 -0600
From: ed.welch@cheaha.com (ED WELCH)
To: <qrp-1@lehigh.edu>
Subject: [20851] Re: 24 hr clock
Message-ID: <8D924F5.0004003431.uuout@cheaha.com>
Content-Type: text

-> I have tired everything under the sun. I simply cannot find
-> a good 24 hour digital clock, because I absolutely hate it when the
-> darn thing is wrong, due to a power outage, or whatever.
-> So finally I ploped down a big \$20.00 on a MFJ
-> 24 hour AA battery powered wall clock, and couldn't
-> be happier! It always runs, even when the power is

I've got the little twin-clock MFJ model MFJ-108B which has is the little piece of aluminum with two flat LCD clocks that slide into

grooves on it. Set one clock to local and one to universal. Keeps fairly good time and is AC-independent. Numerals are a touch over 3/4" tall I believe. Simple, but works.

Ed KF4KRV

Date: Wed, 04 Jun 97 21:12:00 -0600
From: ed.welch@cheaha.com (ED WELCH)
To: <qrp-1@lehigh.edu>
Subject: [20852] Heartland clock and RF interference???
Message-ID: <8D924F8.0004003432.uuout@cheaha.com>
Content-Type: text

-> >>>Made by Oregon Scientific, it has a 2 1/4 X 1 1/2 inch see-through
-> >>>display (LCD? I don't know the exact tech description) which gives
-> >>>time (24 hr, selectable) in 1/2 inch letters, as well as the date

I've got one of these, also, and it seems to work pretty good although the numerals can be hard to see at times. I've also encountered a problem a couple of times of having the temperature display kinda going haywire when exposed to my Norcal 40a's transmissions. Anybody run into this problem besides me or are the badgers messing with me? :)

Ed KF4KRV

Date: Wed, 04 Jun 1997 21:55:05 -0700
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
To: rec.radio.swap@safety.ICS.UCI.EDU
Cc: rec.radio.amateur.equipment@safety.ICS.UCI.EDU, qrp-1@lehigh.edu
Subject: [20853] Want Murata CFJ455K12 and TenTec 282,285
Message-ID: <25515.865486505@safety.ics.uci.edu>

Howdy: I am still looking for the Murata ceramic 455 kHz SSB filter CFJ455 K12 or the V12 (out of the Kenwood 940 among other rigs...). I am also looking for the TenTec model 282 or 285 CW filters for the 6.3 Mhz IF (from Corsairs or OMNI V, VI).

Anything out there?

Clark

WA3JPG
QRP #3526

Date: Thu, 5 Jun 1997 11:48:59 -0700 (GMT)
From: "HS2JFW <Joe>" <a37s0112@daisy.bu.ac.th>
To: Alan Kaul <kaul@netcom.com>, qrp-1@lehigh.edu
Subject: [20854] Re: WPX Result
Message-ID: <Pine.SOL.3.95.970605114439.606B-100000@daisy.bu.ac.th>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My WPX result
CQ WORLD WIDE PREFIX CONTEST -- 1997

Call: HS2JFW Country: Thailand
Mode: CW Category: Single Operator QRP

BAND	QSO	QSO	PTS	PTS/Q	PREFIXES
------	-----	-----	-----	-------	----------

160	0	0	0.0	0
80	0	0	0.0	0
40	0	0	0.0	0
20	115	169	1.5	78
15	0	0	0.0	0
10	0	0	0.0	0

Totals 115 169 1.5 78 = 13,182

Rig : MFJ-9020
Power : 5 Watts
Ant : Inverted-Vee
Hight : 25 meters
All multipler
3DA5 JS1
4F2 JT1
VS97 K2
7K3 K3
7M1 KC7
9A5 KH7
9M2 K07
9V1 KV0
BV2 NH2

BV7 OH8
BY5 R3
DS5 RA0
DU1 RU4
DU3 RV6
E21 RW0
EA4 RW6
HL0 RW9
HS2 S53
HS5 T88
JA0 UA0
JA1 UN7
JA2 UT3
JA3 VE7
JA5 VK4
JA6 WL7
JA7 WR6
JA8 XU2
JA9 ZS6
JE1
JE2
JF2
JF3
JH0
JH1
JH2
JH3
JH4
JH5
JH6
JI4
JK1
JK2
JK6
JL1
JM1
JM4
JN1
JQ3
JR2
JR5

See you next contest 73/72 Joe

Pornchai Semjang ,Joe QRP-L #938
HS2JFW , N3YGP QRP-HS#1
Bangkok University or hs2jfw@hotmail.com
a37s0112@daisy.bu.ac.th or hs2jfw@amsat.org

or hs2jfw@callsign.net
HomePage "<http://www.geocities.com/Hollywood/7227>"

Date: Wed, 04 Jun 1997 22:49:30 -0700
From: Neil Heckt <neil@aade.com>
To: rhiller@sysdev.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [20855] Re: Communication Quarterly Articles?
Message-ID: <3396536A.43A2@aade.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rick Hiller wrote:

>
> Howdy folks,
>
> Can anyone tell me where I can get back issue articles from Communication
> Quarterly magazine?
>
> Looking for fractal antenna articles. These are small size but full
> performance (or so claimed) antennas. Maybe good for portable work.
>
> 73...Rick....W5RH
> Rick Hiller
> Manager, Business Development
> System Development, Inc.
> Houston, Texas
> rhiller@sysdev.com

I am a charter subscriber to Communications Quarterly and have all
the issues. Would be happy to xerox the articles on fractal antennas.
There were three or four I recall. Let me know your snail mail address
if you haven't found the info elsewhere.

--

Neil
Homebrew Heaven at <http://www.aade.com>
Home of L/C Meter IIB and Digital Frequency Display
Links to sites of interest to Engineers, Amateurs and hobbyists
interested in Circuit Design and construction.
Almost All Digital Electronics
1412 Elm St. SE

Auburn, WA 98092
253-351-9316

Date: Wed, 4 Jun 1997 23:54:48 -0700 (PDT)
From: Alan Kaul <kaul@netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [20856] UPDATED ! QRP-L MEMBERS WPX SCORES
Message-ID: <Pine.3.89.9706042358.A21010-0100000@netcom12>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The last straggler is in (I hope). Here's the latest:

[<Alan Kaul, W6RCL>] kaul@netcom.com

Rogerio, CT1ETT, really pounded the brass and raced to a commanding lead in the WPX CW-test among QRP-L members who have reported their scores. Rogerio had almost 100 QSO's more than runner-up W4DEC.

Larry, W4DEC, made a very good effort for top score among W/K list-members.

AE4IC, Bob, had a solid third and proves the importance of 4 and 6 point QSO's on the low bands!

There was a real battle for fourth place: WZ2T, Richard, edged K8CV, Walt, who had significantly fewer QSO's, but made them count with more QSO points (only a little more than a thousand points back in 5th place).

It was a terrific effort by all concerned. We ought to do this more often!!

CALL	QSO	QSO POINTS	PREFIXES (MULTS)	TOTAL SCORE
CT1ETT	304	550	206	113,300
W4DEC	206	381	177	67,437
AE4IC	168	310	146	45,260
WZ2T	191	273	142	38,766
K8CV	124	297	126	37,422
HS2JFW	115	169	78	13,182
VE7CQK	77	227	55	12,485
WB5GWB	62	171	54	9,234
PA3HBB (G0BZF)	47	170	42	7,140
W5VBO	??	112	42	4,704

NQ7X	21	59	20	1,180
N8ET	20	29	19	551
K50I	20	28	17	476
W6RCL	16	28	15	420

NOTE: I neither verified the contacts nor double-checked the math!
 These are ''claimed scores'' based on e-mail responses.

I encourage ALL who took part in the contest to send their logs to the WPX Contest administrator (computerized summary sheets, dupe sheets, logs, etc can be e-mailed to n8bjq@erinet.com, or paperwork can be mailed to CQ Magazine, 76 N, Broadway, Hicksville, NY, 11801).

Congratulations to all.

73/72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

 Date: Thu, 5 Jun 1997 01:50:59 -0500 (CDT)
 From: Larry Jones <ljones@flash.net>
 To: qrp-l@Lehigh.EDU
 Subject: [20857] Fairness of forsale items
 Message-ID: <199706050650.BAA16925@endeavor.flash.net>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"

Greetings Gang...

My two pesos. Fairness for one may not be fair for another. I ran into the same thing many times with the ads in QST. It seems that my issue always arrived a couple days later than the ones for the people on the East coast. I complained to ARRL and they said that there was nothing that could be done

about it. I just learned to live with the problem. Seems that may be what will have to happen here, just live with it...

72/73 & God Bless...

Larry Jones N50SG <><	NORTEX	QRP-ARCI	G-QRP	MI-QRP	CQC	NorCal
4028 Random Circle	NE-QRP	QRP-L	ARRL	NTMS	CSVHFS	
Garland Tx 75043-3250	EM12QU	96.62 W LONG	32.87 N LAT			

Date: Thu, 05 Jun 1997 01:37:28 -0700
From: Bill Todd <bill@techline.com>
To: nwq-l@scn.org
Cc: qrp-l@Lehigh.EDU
Subject: [20858] FD 97' QRP Clubs - Update
Message-ID: <1.5.4.32.19970605083728.006b9e80@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks for all the responses to my post yesterday about listing all the various QRP Clubs' Field Day plans in the June "NWQ" Newsletter. Quite a few QRP Clubs are not listed yet. I am still looking for the NE-QRP, MI-QRP, TX, OK, NJ, WI, NorCal, AK (and others), etc. Field Day plans.

This is what I have so far.
The Arizona ScQRPions will decide where they will be holding FD this Saturday, (no need to bother Joe about why they aren't listed..hi).

FLORIDA

The Guano Reef Bashful Perverts.
Contact person is Bob, N4BP (PH: 954-472-2948).
Event Location: Fiesta Key in the Florida Keys.
operating 1A, QRP battery powered.

OHIO

CQrp's (Cleveland QRP Club).
Contact person is Steve, K8IDN (PH: 614-263-5819) e-mail K8IDN@amsat.org.
Event Location: Brevoort Park in Clintonville, OH.

NORTH CAROLINA

Williamsburg Area Amateur Radio Club - Club Callsign K4RC.
Contact person is Russell, KU4FP (PH: 757-220-0803).
or: rhchan@facstaff.wm.edu

Event Location: New Quater Path Park with < 5 watts.

COLORADO

Colorado QRP Club - Club Callsign W0CQC.

Contact person is Paul, KF7MD (PH: 303-670-5837).

Event Location: East of Elizabeth, about 50 miles southeast of Denver.

Info including map and antenna layout can be found at:

<http://www.mtechnologies.com/mthome/cqc.htm>

MISSOURI

St. Louis QRP Society

Contact person is Walter, AG5P (PH: 314-745-2559).

Event Location: Fox Hill Park in St. Charles, Missouri,

Talk In Freq: 145.530 MHz.

Again, thanks for the input-

CUL - Bill-N7MFB

<http://www.techline.com/~bill>

Date: Thu, 5 Jun 1997 02:53:54 -0800

From: svecbrdk@well.com (L.Svec,W.Burdick)

To: qrp-1@Lehigh.EDU

Subject: [20859] SST Progress report

Message-ID: <199706050953.CAA22722@smtp.well.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

The SST manual is now completed, so Wilderness should be able to start shipping the SSTs next week. A few suppliers are late with some items, but we have our fingers crossed.

Thanks for hanging in there--

73,

Wayne

N6KR

Date: Thu, 05 Jun 1997 06:11:14 -0400
From: Richard Powell <ripowell@mpna.com>
To: qrp-l@Lehigh.EDU
Subject: [20860] Field Day - southWEST ohio,, vice southEAST! (oops)
Message-ID: <1.5.4.32.19970605101114.006841d8@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anybody near southWEST, vice southEAST ohio want to get together on a field day effort??? Sorry for the confusion, I am still recovering from being too close to New York>>>

preferably in a REMOTE area????

rick - wb6jbm

```
+-----+
|Richard Powell                    513-942-2542 (h) |
|Systems Integration               513-403-5083 (c) |
|Vertical Solutions Inc.           513-891-7997 (w) |
|http://www.vertsol.com            513-891-8063 (f) |
|ripowell@mpna.com                 http://www.mpna.com/ripowell |
+-----+
```

Date: Thu, 05 Jun 1997 03:07:41 -0700
From: Richard Wilkerson <richqrp@cts.com>
To: qrp-l@Lehigh.EDU
Subject: [20861] could'nt sleep
Message-ID: <33968FED.22FA@cts.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For some reason, could not sleep..went to the radio room turned on 30 mtrs. 0945 Z called a few times, no answer... Heard very faint JA???? Oh well he wont hear me..he called again for laughs I went back.. Took a while but he did get my call right, Toyama, Japan..... I love this QRP stuff.....

--

72's..... rich
Rich Wilkerson, WD6FDD, Santee, Ca.
NorCal, ARCI, ScQRPions, E.C.R.A.

Date: Wed, 04 Jun 97 23:34:00 -0600
From: ed.welch@cheaha.com (ED WELCH)
To: <qrp-1@lehigh.edu>
Subject: [20862] Re: Fishing Pole for SLV
Message-ID: <8D92586.0004003453.uuout@cheaha.com>
Content-Type: text

-> Wait a minute, Frank. Down here in south Alabama along the
-> Chattahoochee and Alabama Rivers and the creeks, rivers, and lakes in
-> between we pronounce it "crop ee".....of course we also pronounce

Oops, meant to say "crap ee". :)

Ed KF4KRV

Date: Thu, 5 Jun 97 08:47:13 EDT
From: Bill Acito 05-Jun-1997 0840 <acito@asdg.ENET.dec.com>
To: -qrp@us1RMC.bb.dec.com
Cc: acito@asdg.ENET.dec.com
Subject: [20863] Re: 24 hr clock
Message-ID: <9706051246.AA11200@us1rmc.bb.dec.com>

I go for a bit of overkill... I have a Garmin 45XL GPS that I use for VHF rover stuff (it displays Maidenhead grids directly). This GPS, and I believe all, display UTC, and correct themselves against the satellites to remain extremely accurate. The display is small, but so is my shack. I run a 12v line from the station supply when it's parked in the shack. The GPS is near a window, and there are only a few times when it can't acquire a satellite.

Newer, less expensive GPS's are coming out all the time, and make a good replacement for the Heath 'Most accurate clock'.

b

. - I own my own words -
Bill Acito acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

W1PA qrp-ne qrp-1 adv-rs arci norcal amsat-na arrl-life
Mobile A0-27: 32 states, 53 grids, 4 countries from FN42

Date: Thu, 5 Jun 1997 09:01:22 -0400 (EDT)
From: Steve Bornstein <saborns@freenet.columbus.oh.us>
To: Multiple recipients of list <qrp-l@Lehigh.EDU>
Subject: [20864] CQrp Meeting
Message-ID: <Pine.3.07.9706050922.A16981-81000000@login>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

G'day All,

The regular monthly meeting of CQrp will take place this Saturday (June 7th) at Universal Radio. The meeting time is 10:30.

73, Steve K8IDN

Date: Thu, 5 Jun 1997 14:17:40 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@lehigh.edu
Subject: [20865] Back Issues of QRP ARCI Quarterly
Message-ID: <199706051317.0AA09375@chuck.dallas.sgi.com>

Gang,

Thanks to Mike, WA8MCQ, and the work that Doug, KI6DS, has done with his collection, I now have all the QRP Quarterly issues from 1980 to date. I am awaiting feedback from Dayton, but in the meantime....

I am still looking for any and all issues prior to Jan 1980. So, if you are not going to any hamventions this weekend and you happen to be in the shack or your library, take a second to see if you happen to have any issues. I just want to borrow them and photocopy. I'll pay shipping both ways or exchange photocopies of some that you might be missing. So please as a personal favor for me, take a few minutes (but you'll probably wind up spending hours once you start flipping through back issues of anything) and scan through your old issues and let me know what you have. I don't want to have to pay shipping on duplicates if it can be avoided. Be sure and make a note to do this this weekend. Thanks for your support.

There were only 26 members at the start so this is really scarey for the early years. Think about it.

Like Doug is doing with the MilliWatt issues (you'll note that while I was in EA2-land he personally assigned me a chapter :-)) I too am interested in getting all the back issues of QQ available to the community at large. There is a wealth of information available or that was published over the years.

I am concerned that many people have had issues but tend to keep magazines for a few years and then they go to the landfill or get recycled. Shame shame shame.

Along the same note, there are now a large number of clubs that do newsletters. Does one or more individual(s) have a complete set? Someone has to make an effort to make sure that the history of the club does not get lost over the years. Hey, people invested time and energy in doing the work.

Later on, I'll first ask for individuals with OCR capability to experiment and see if we can reduce the typing required, although the raw scanned pages will be available. The schematics are relatively easy.

Help save information in the information age.

dit dit es tnx

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=012

Date: Thu, 5 Jun 1997 09:52:41 -0400
From: cooper@gmpvt.com (Tom Cooper)
To: qrp-1@lehigh.edu
Subject: [20866] Need W7EL's e-mail address
Message-ID: <199706051352.JAA20439@web.gmpvt.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

If you happen to know W7EL's e-mail address, please let me in on the secret. Thanks!

Tom W1EAT

Date: Thu, 05 Jun 1997 09:07:51 -0500
From: "j.w. thornton" <dub@oklahoma.net>
To: qrp-1@Lehigh.EDU
Subject: [20867] Re: Book - Build Your Own Intelligent Amateur Radio Transceiver
Message-ID: <3.0.32.19970605090750.00cbbdc8@okc.oklahoma.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:14 PM 6/4/97 -0700, you wrote:
>I found this book at the local Borders bookstore in the electronics
>section. The ISBN is 0-07-028264-1
>
>This looks like a very useful and thought provokin book. I am about to
>dig into it. It looks like it will be easy to find.

I am in the process of working my way thru the book & have indeed found it to be interesting and enlightening. I have had the opportunity to use the rig the book is based on during field day operations, and it is a very impressive rig. I had thought that such a rig was totally beyond my capability, but this book has me wondering!! Randy has done a super job with the rig and with the book. "72"

Dub WA5YFY
J. W. (Dub) Thornton
QRP-1 # 159
ARCI #6982
NW QRP # 427
Minco, Okla. 73059

Date: Thu, 5 Jun 1997 09:06:07 +0000
From: "Jerry Martin" <jmartin@tofu.alt.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [20868] Re: 24 hour clocks/with back-up
Message-ID: <199706051409.HAA24205@tofu.alt.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Western Auto has a dash mount / desk top 24 hour clock with BIG numbers and alarm uses 1 AAA battery cost is about \$10. Worth

looking at.

Jerry Martin
NOBWA
jmartin@alt.net

Date: Thu, 5 Jun 1997 08:21:19 -0600
From: ji3m@maxwell.com (James R. Duffey)
To: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
Cc: qrp-1@Lehigh.EDU
Subject: [20869] Wal-Mart \$4.95 24 Hour Clock (Stopwatch)
Message-ID: <v02130500afbc7520b336@[192.31.66.229]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bob-I suppose you have received a number of replies on this one, so let me add my \$0.02 worth.

For years I looked for a 24 hour format digital clock that also displayed seconds all the time. All the ones I looked at only displayed seconds in a separate mode with the minutes only, no hours. Last February I realized I needed a cheap clock to take to the FYBO. I stopped at Wal-Mart and found a stopwatch that has a clock function that displays 24 hour time with the seconds! The best part is that it only cost \$4.95!

It is called a "Health Meter". I can get the exact model number if you need it. The cord is removable which transforms the stopwatch into an octagonal shaped "clock". The digits are about 0.25 inches high, not giant, but easily readable. I propped mine up on top of the rig; one of these days I intend to put velcro on it and attach it somewhere else.

The clock keeps good time, having lost about 7 seconds since I set it to WWV in February. Oh yeah - I like to have the seconds for satellite tracking as well as for accurate Fox Hunt starts.

I also have a MFJ 24 hour analog clock. Although I prefer analog timepieces in general I don't like this one - it makes a loud chunking noise every second, There is slop in the second hand - it does not align up with all the minute marks, it is ahead the first 30 seconds of the minute and behind the last 30 seconds. It does not align perfectly at "zero" minutes which makes setting difficult. It mysteriously loses 20 minutes or more in a fell swoop occasionally, although that problem may be related to using a carbon zinc AA battery rather than an alkaline.

For those inquiring minds with a clock that reads out in seconds I suggest

the following project. Compare your clock to WWV once a week or so and record the result. Keep a plot of how fast or slow your clock runs over time. Don't reset the clock while you are doing this. Over the life of the battery you will find interesting patterns in the error plot. You will likely see a bias error, that is a continual tendency to lose or gain time, and a random component superimposed over the bias with a shorter period. You may also see trends governed by changes in temperature from summer to winter.

James R Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Thu, 05 Jun 1997 07:31:24 -0700
From: Ken Lopez <kjlopez@earthlink.net>
To: dub@oklahoma.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [20870] Re: Book - Build Your Own Intelligent Amateur Radio Transceiver
Message-ID: <3396CDBF.4A5E@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

If you have used the rig in the book, then you must know Randy. I have spent a few hours digging through the book, and have a few (small) points to make of a critical nature. Item number one: no parts lists by section, only those fairly small schematics. Also, no mention of the source for the programmed controller chip, or the Eprom. Do you know of a way to contact him for further information?

It really is a super book with some excellent explanations of the workings of the radio, and the decision process that led him to the current design, complete with schematics of sections that were discarded. An excellent learning tool about the ins and outs of modern radio design on a basis that people with average electronics skills can understand.

If you know how to contact Randy for information, please Email direct.

Cheers,
Ken, N6TZV

Date: Thu, 05 Jun 97 07:31:00 PDT
From: Mark E Gustoff <Mark_E_Gustoff@ccm.ch.intel.com>
To: qrp-1@Lehigh.EDU
Subject: [20871] listproc@Lehigh.EDU: Error Condition Re: Ten-Tec 405 Amp Hel

----- Forwarded with Changes -----
From: wo7t@juno.com at SMTPGATE
Date: 6/4/97 11:41PM
To: Mark E Gustoff at AZCCM35
Subject: listproc@Lehigh.EDU: Error Condition Re: Ten-Tec 405 Amp Hel

Text item:

I picked up a Model 405 linear amp for my Argonaut recently,
and I m having a minor problem with it that I would appreciate any help
on.

Please note the amp is working fine except for one anomaly. The RF sensed
change-over circuitry seems to be the culprit. With drive set to
approximately 1W to affect an output power of 50W (which is suppose to be
the max this amp is run at continuously), on 20M the RF Change-Over
switch activates about 95% of the time. The other 5% of the time it won t
key up the amp. On 40M, and 80M the problem is even more pronounced, and
the amplifier won t key at all unless the drive power is upped to well
above the suggested 1W drive resulting in amplifier output of 60-70W.

It s as if the circuitry used to sense the RF at key-up is not sensitive
enough. In all the above testing the T/R delay pot on the front is set
full clockwise. Backing it off just a quarter inch counter-clockwise on
any of the bands insures the amp does not switch on when the rig keys up.

I'm hoping other owners of the 405 amp, can help.

Thanks gang,
Mark Gustoff
de W07T@juno.com

Text item: External Message Header

The following mail header is for administrative use
and may be ignored unless there are problems.

IF THERE ARE PROBLEMS SAVE THESE HEADERS.

Date: Wed, 04 Jun 1997 23:41:02 EDT
X-Juno-Line-Breaks: 0-16,19,21-60
X-Mailer: Juno 1.23
Message-ID: <19970604.040009.4767.0.wo7t@juno.com>
Subject: listproc@Lehigh.EDU: Error Condition Re: Ten-Tec 405 Amp Help Needed
To: Mark_E_Gustoff@ccm.ch.intel.com
Received: (from wo7t@juno.com) by m19.boston.juno.com (queuemail)
id XQM29186; Wed, 04 Jun 1997 23:41:02 EDT
Received: from m19.boston.juno.com by thalia.fm.intel.com (8.8.4/10.0i); Thu, 5
Jun 1997 03:43:44 GMT
From: wo7t@juno.com
Received: from thalia.fm.intel.com (thalia.fm.intel.com [132.233.247.11]) by fmm
ail.fm.intel.com (8.8.5/8.7.3) with ESMTP id UAA22209 for <Mark_E_Gustoff@ccm.ch
.intel.com>; Wed, 4 Jun 1997 20:45:10 -0700 (PDT)
Return-Path: wo7t@juno.com

Date: Thu, 05 Jun 1997 10:39:31 -0500
From: Christopher Moore <christopher.moore@snet.net>
To: qrp-l@Lehigh.EDU
Subject: [20872] QRP frequencies
Message-ID: <1.5.4.16.19970605153931.4427682c@mail.snet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang:
Here's an easy one! What are the suggested QRP frequencies on the different
bands?
73, Chris

Date: Thu, 5 Jun 1997 07:34:24 -0800
From: dearly@cocc.edu (Daniel K. Early)
To: qrp-l@lehigh.edu
Subject: [20873] 24 hr clock

Message-ID: <v01540b03afb8c8caeba@[206.163.24.56]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I also have the twin-clock MFJ model MFJ-108B. The UTC feature is good for logging and qsling. You can also shift time zones and there is a button to change to and from daylight savings time. I like it. Dan WA6IRO

Date: Thu, 5 Jun 1997 11:35:42 -0400
From: "Kevin F. Glynn" <KFGlynn@prodigy.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [20874] Re: If Ellen can, anyone can?
Message-ID: <199706051534.LAA66992@mail1y-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Way to go Bob. My YL has absolutely no interest in ham radio, nil. In fact, when I drag her to the park to work portable QRP on weekends she goes but reads something and sits quite a distance from me and my pal Richie KB2TWX. Mary does not get as excited as me when I work Poland with 5 watts PEP on 20M SSB. I even told her I'd give my Kenwood TH-22AT 2M HT if she got her ticket.... zippo interest.

72 Kevin N2T0

Date: Thu, 05 Jun 1997 08:38:17 -0700
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
To: qrp-l@lehigh.edu
Cc: tentec@contesting.com
Subject: [20875] Argo 515 filter blowby
Message-ID: <1599.865525097@safety.ics.uci.edu>

Anyone do the 8 pole filter into the stock slot 515 trick? I just did it last night (2.4 filter), easy, no big deal, but there is significant blowby (same as for the stock 4 pole filter) and I wonder if anyone else has tried to cure it.

Has anyone put the 8 pole filter in the receive line AFTER the stock 4 pole filter per the QST / QRP Quarterly articles

and found that the blowby is reduced? Maybe it is an artifact of the physical design of the board where the stock filter goes?

I plan to slide a piece of copper under the filter and over the board and make that a nice ground plane to see if that helps. Next, I may put the stock filter back in and place the 8 pole filter in the receive line to see if that does it, though I don't want 12 poles, may make the audio rather restrictive for me. Anyone know about this stuff?

My next move is to put in the 500 Hz crystal filter for CW, that would necessarily go in the line after the standard filter. Maybe I will just put that thing in and see if there is any blowby. My Kenwood 130V has similar blowby with the CW filter but not the SSB filtering, so I figure it is with the diode switching, but no diode switching in the 515. I will use relays!

Clark
WA3JPG

Date: Thu, 05 Jun 1997 08:58:57 -0700
From: Bill Todd <bill@techline.com>
To: hires@rust.net
Cc: qrp-1@Lehigh.EDU
Subject: [20876] Re: FS 97 QRP Clubs - Update
Message-ID: <1.5.4.32.19970605155857.006c6834@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:56 AM 6/5/97 -0700, you wrote:

>Bill,

>

>Please include the Utica Shelby Emergency Communications Assn. (better
>known as USECA) in your QRP FD 97 list. As you probably know, we ran
>the largest QRP FD operation on the planet last year and finished 4th
>OVERALL! finished in the Top 10 for the last 3 years running!

>72,

>Floyd Soo, W8RO

>Past President, USECA

Boy Floyd - You guys sound like you are SERIOUS! (hi). I think we better inform the HARP people to expect an extra high level of atmospheric noise because of your efforts!

BCNU,
CUL - Bill-N7MFB
<http://www.techline.com/~bill>

Date: Thu, 05 Jun 1997 16:16:37 GMT
From: mdwatt@usit.net (Marty Watt)
To: qrp-l@Lehigh.EDU
Subject: [20877] DXCC minus one ...
Message-ID: <3396d10c.61044098@smtp.usit.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

=46or those of you who may not realize it, one of the DXCC countries
is going away July 1 -- Hong Kong. the VR prefix is going to China
from Britain, Pitcarin Island is an unknown at this point.

If you haven't worked Hong Kong (like me!), or haven't worked it
QRP, now is the time. Won't be available after July 1 ...

Any QRPers in Hong Kong want to set up some schedules? I'm pretty
sure there will be some takers ...

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
<http://www.public.usit.net/mdwatt>
"The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq

Date: Thu, 5 Jun 97 09:30:17 -0700
From: Russ Carpenter <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [20878] Results for the JUNE SPARTAN SPRING
Message-ID: <199706051630.MAA64963@nss2.CC.Lehigh.EDU>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

We had an excellent turnout for the June Spartan Sprint. I was especially pleased to see the action on 20 meters. Thanks for your support!

Handsome certificates will be mailed to the two top scorers in each category

The soapbox has been posted separately.

Results sorted by Points per Pound, with 2 points for each 20 meter Q and one point for each 40 meter Q.

Name	Call	20 M	40M	Total	Weight	Points/ Pound
W3TS	Mike	0	18	18	.8	22.50
AB7TK	Randy	42	0	42	2.4	17.50
AA7QU	Russ	20	9	29	2.7	10.74
W7ZH	Pete	32	6	38	3.7	10.27
KD7S	Bill	0	11	11	1.1	10.00
N6MM	Harvey	40	7	47	4.7	10.00
W0YSE	Neil	34	0	34	6.5	5.23
N4ROA	Dan	30	0	30	7.2	4.17
W6SU	John	12	0	12	2.9	4.14
W5VBO	Brian	20	10	30	10	3.00
NoIBT	Dave	6	3	9	7	1.29
WJ4P	Randy	16	5	21	20	1.05
K6PZB	John	10	5	15	20	0.75
WD3P	Larry	14	9	23	35	0.66
K8WI	Bill	16	4	20	50	0.40
W5RXP	Rich	16	1	17	50	0.34

Results sorted by Points (the TUBBY DIVISION).

Name	Call	20 M	40M	Total
N6MM	Harvey	40	7	47
AB7TK	Randy	42	0	42
W7ZH	Pete	32	6	38
W0YSE	Neil	34	0	34
N4ROA	Dan	30	0	30
W5VBO	Brian	20	10	30
AA7QU	Russ	20	9	29
WD3P	Larry	14	9	23
WJ4P	Randy	16	5	21
K8WI	Bill	16	4	20

W3TS	Mike	0	18	18
W5RXP	Rich	16	1	17
K6PZB	John	10	5	15
W6SU	John	12	0	12
KD7S	Bill	0	11	11
NoIBT	Dave	6	3	9

Russ Carpenter, AA7QU
Contest Manager for Adventure Radio Society

Date: Thu, 5 Jun 97 09:30:14 -0700
From: Russ Carpenter <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [20879] Soapbox for the June Spartan Sprint
Message-ID: <199706051630.MAA34997@nss2.CC.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Here is the soapbox for the June Spartan Sprint. Thanks to all who participated.

>From Mike, W3TS

Same gear: SW-40, ear buds, 10x AAA Nicads, homebrew keyer and paddles.
Antenna: 40M inverted vee up 60 feet.

Interesting conditions: Much QRN, Worked 2 NY and 2 NJ early and had usual 9:30 sked, was going to pack-it-in about 10:15 but hung in through the sleepy spell and then things picked up and I wokred 5 CA ,WA and OR and others in the midwest.

>From Randy, AB7TK

Twenty meters was great and having the use of a multi element beam at 150 feet sure did help with the fun! Of the 21 QSO's 6 of them qualified for 1,000 miles per watt from my end and one more from the other end. Seven 1,000 MPW QSO's in two hours sure points out the value of a good antenna.

I also worked my 49th QRP state, South Carolina. It was one of the 1,000

MPW QSOs. Both ways in fact.

>From Bill, KD7S

I reserved the full two-hour timeslot for the June Spartan Sprint in order to give my Bumblebee Transceiver (<http://www.natworld.com/ars/equip/images/bill2.jpg>) a good workout. I even managed to work Mr. Spartan Sprint himself, Mike, W3TS in PA. Thanks to all who managed to pull my 1-watt signal out of the noise and QRM.

>From Harvey, N6MM

Much of my time was spent in QSOs with those who were not in the contest including 20 minutes with a W4 who asked me to QRS, because he was just getting back on cw. Gee, I'm pretty slow on a J-38, hi. I suspect this is the result of trying to operate at the edges of the activity to get away from the crowding at the suggested starting frequencies.

>From John, W6SU

Although W6ZH Pete beat me out for all-San Marino this time, I did capture high score for South San Marino, I think.

>From Randy, WJ4P

I was in the shack working on the latest in Spartan Sprint Winner radios and heard all the activity on 40 and 20. I just couldnt sit by and watch you guys have fun without me! I got on the air with 50 minutes left and worked 13 stations. (5 on 40 and 8 on 20mtrs) Used the Paragon at 20+ lbs so no contender for qso/lbs category. Wished I had started earlier! See you next month!

>From Larry, WD3P

Fun times - seemed like more activity this month. The storms held off,

I couldn't stand it if one thunderstorm ruined the night. The high points were from two WV stations. The first I gave a 579, he came back and gave me a 599 then said he was running 50 Watts. The second I also gave a 579 and he came back and said I was 15 over 599. Never did get his power out of him so he didn't make the official log.

>From Dan, N4ROA

I read the note on the Sprint sometime over the weekend but forgot about it until about half over. I decided to jump in for some fun and managed to work about an hour of it. Since I am new at this, I really don't know how to score it but my station weight was about 7 pounds 4 ounces. This included the QRP+ rig, MK-88 keyer, and Quantum battery. I only had 15 contacts but sure enjoyed the fun. Hope to try it again sometime. The Sprint info did not say anything about the log so did not include it, however, can do so if you need it. Thanks again for a real fun time.

>From Brian, W5VB0

Had a great 2 hours. The high point was working KI6SN. Richard had a tremendous signal, pinned the "S" meter on my QRP+. He was at only 1 watt while I was at 5W. Antenna was my 80M Horizontal loop, which favors close in signals, but he was a good 5-8 on my other antennas as well! Missed 2 on 40 due to the static crashes. Hope we can get them next time.

Date: Thu, 5 Jun 1997 17:40:12 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: mdwatt@usit.net

Cc: qrp-1@lehigh.edu
Subject: [20880] Re: DXCC minus one ...
Message-ID: <199706051640.RAA10237@chuck.dallas.sgi.com>

Marty,

A good idea guy.

We need anyone and everyone in Hong Kong or who can get the info to them to get on the air every spare minute on all bands.

There are a lot of us that haven't worked them on some bands and would probably make a concerted effort to work them.

Let the pileups begin.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/>
WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=012

Date: Thu, 5 Jun 1997 09:43:42 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
To: QRP-L AAList <qrp-1@lehigh.edu>
Subject: [20881] July 97 Quarterly Table of Contents
Message-ID: <Pine.SUN.3.90.970605094101.24151B-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Here is what is coming in the July issue of the Quarterly.

+++++

Table of Contents, QRP ARCI Quarterly, July 1997

Technical

18 Self-Contained Vertically Polarized Wire Antennas
By L.B. Cebik, W4RNL

- 21 Idea Exchange
By Michael A. Czuhajewski, WA8MCQ
- 29 QRP Plus Modifications - Notes and Corrections
By Larry East, W1HUE
- 31 The EveryReady-A Transceiver in a 9 volt battery case!
By Jeff Anderson, WA6AHL

Reviews

- 33 The W6SAI HF Antenna Handbook
By George "Danny Gingell, K3TKS

Operating

- 11 Milliwatting: 10db Below QRP
By Bob White, W03B
- 12 QRP Really!
By Bruce Muscolino, W6TOY/3
- 14 Members' News
By Richard Fisher, KI6SN
- 33 QRP Operating Techniques
By Ken Orton, VE7BLU
- 35 Contests
By Cam Hartford, N6GA
- 40 QRP Net Information
By George "Danny Gingell, K3TKS

Miscellaneous

- 7 Hall of Fame Inductions
By Bob Gobrick, N0EB and Michael Czuhajewski, WA8MCQ
- 10 Incoming Mail
By Ron Stark, KU7Y
- 16 QRP Clubhouse
By Bob Gobrick, N0EB
- 34 Dayton Report
By Tony Fishpool, G4WIF
- 41 Awards
By Chuck Adams, K5FO

+++++

At this point in time, it is too late to start your sub with this issue, but you can buy back copies while they are available.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 05 Jun 1997 09:58:18 -0700
From: flydnq7x@primenet.com (Floyd Smithberg)
To: qrp-l@Lehigh.EDU, azqrp@dancris.com
Subject: [20882] AZ ScQRPions June Meeting
Message-ID: <199706051657.JAA23566@usr01.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Usual place and time: Sat June 7 1030 mst at Luby's 1933 W.Dunlap, Phoenix
next to HRO..

Agenda: none

Subjects:to be decided upon at the moment. Possible subjects.....

Field Day....locations, operators, equipment, logging, etc.

Ft. Tuthill....car pooling, campers, etc.

Celebrate....Bertie, N7XJW first QSOs

Summer Splash at Lake Gervais?

Visitors.....WA5WHN, Jay 6/25.....SM5XXX July???

Simple W1AW Rcvr for 40M

Show and Tell....and much more

Lunch

All hams or wannabees interested in QRP please feel free to attend.....

72/73 Floyd NQ7X Phoenix ScQRPion DM33UQ
ARRL ARCI NORCAL G-QRP AARP DXCC ETC

Date: Thu, 5 Jun 1997 10:17:04 -0700 (PDT)
From: Kory Hamzeh <kory@avatar.com>
To: qrp-l@Lehigh.EDU
Subject: [20883] Re: Custom 38 Special Enclosures
Message-ID: <Pine.BSI.3.91.970605101544.17692A-100000@avatar.avatar.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Does anyone know if this enclosure can fit the 5 watt mod? There is no
phone number or e-mail address listed for the manufacturer.

Thanks,
Kory
AC6RN

Date: Thu, 05 Jun 1997 17:30:02 GMT
From: mdwatt@usit.net (Marty Watt)
To: qrp-l@lehigh.edu
Subject: [20884] FS or FT: TenTec ARG0 556, Outbacker, Jr.
Message-ID: <3396e844.66989421@smtp.usit.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

I have an Argo 556 HF tranceiver, *all* band modules (160-10m),
noise blanker installed, TenTec hand mic included. Like new
condition.

Also have Outbacker, Jr., 4 ft. HF mobile antenna (80-10m).

Would like \$625 for the Argo, as equipped, and \$125 for the
Outbacker.

Purchase both and I'll pay shipping USPS Priority, US only.

Will trade for compact HF rig with general coverage (at least 500kHz
to 30MHz, prefer 100kHz to 30MHz+) receiver, MARS/CAP modifiable,
QRO adjustable to QRP, good QSK -- Alinco DX-70, Kenwood TS-50s, or
Icom IC-706, or similar. Condition important, but not critical. I
can tolerate a few scratches and cosmetic damage. Filters for CW
(250, 500 Hz) are appreciated ...

Reason for sale/trade: Need QRO for MARS operations, still need
compact size, but need QRP levels for Ham Band use. Need one
tranceiver, compact in size, that will do both!

e-mail if interested: mdwatt@usit.net

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
<http://www.public.usit.net/mdwatt>
"The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq

~~~~~  
-----  
Date: Thu, 5 Jun 1997 10:35:12 -0700  
From: gsurrency@juno.com (Gary L Surrency)  
To: qrp-l@Lehigh.EDU  
Subject: [20885] Best QSK  
Message-ID: <19970605.103520.6630.1.gsurrency@juno.com>

Thanks gang for the response on the nicest QSK and CW note rigs.

The majority of the replies I got favored the Ten-Tec radios, and I'd have to agree. The ones I hear on the air always seem to have a pleasant sound.

Some people also mentioned the OHR radios, like the OHR400 and I know my OHR100 sounds good, too. The Sierra got rave reviews as well. Sure looks like QRP radios have the "edge" (no criticism of the CW envelopes!) when it comes to good sounding keying.

Hey, I for one would like to nominate the S&S rigs I own! I always get good reports on the keying and tone, and they sure look good on the old Heath HO-10 monitor scope I have. Kudos to Dick Szakonyi and his marvelous design!

Soap box off now. Thanks for the bandwidth.

PS. I sure would be interested in working Hong Kong before their prefix is "retired". Hope there is/are some QRP-L members there. Has anyone thought of or heard of a mini-DXpedition to Hong Kong to facilitate this?

Bye and 72,

Gary Surrency AB7MY  
QRP-L #571 Chandler, AZ (near Phoenix) Grid Square DM43BH  
Az ScQRPions

-----  
Date: Thu, 5 Jun 1997 11:01:11 -0700  
From: "Michael A. Gipe" <mgipe@reliablemeters.com>  
To: "QRP-L list server" <qrp-l@Lehigh.EDU>  
Subject: [20886] 50/40/30 upcoming schedule  
Message-ID: <199706051802.NAA30169@multi13.netcomi.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Here is the most recent update for the 50/40/30 schedule.

If your state is not shown, we need you!

Mike K1MG

50/40/30 schedule:

UTC        Band

0000-0200 30  
0200-0400 40

| Date (LOCAL) | State | Call Name                            |
|--------------|-------|--------------------------------------|
| 18 March     | IN    | WD4MSM/N9DD BARRY/TOM                |
| 20 March     | AZ    | KI7MN/NQ7K/N7VE BOB/MIKE/DAN/JOE     |
| 25 March     | RI    | K8ZFJ RANDY 40 M ONLY                |
| 27 March     | DE    | K3QIO JIM                            |
| 1 April      | CO    | (op:AA0XI)/W0CQC/N3Q00 MARSHALL/JOHN |
| 3 April      | NY    | N2VPK/WZ2T/KB2YWT MARK/RICK/DAVE     |
| 5 April      | AK    | AL7FS JIM                            |
| 8 April      | AR    | K5ID/W0LK/W7KXB KEN/BOB/BILL         |
| 10 April     | TN    | WS4S/KM7W CONARD/MARTY               |
| 12-13 April  | ND    | N0UR JIM                             |
| 15 April     | OK    | AB5UA CLIF                           |
| 17 April     | MT    | N7GS MAL                             |
| 22 April     | IA    | KQ0I MARK                            |
| 24 April     | IA    | KD0CA JERRY                          |
| 29 April     | OH    | K8IDN STEVE                          |
| 1 May        | MA    | WA1QVM JOEL                          |
| 6 May        | MN    | K0EVZ DOC                            |
| 8 May        | OR    | N7CQR DAN                            |
| 13 May       | AL    | KS4L RANDY                           |
| 15 May       | NJ    | KA2PQY MIKE                          |
| 20 May       | TX    | NR3E/KJ5VW DAVE/GARY                 |
| 22 May       | MS    | K5XU MIKE                            |
| 27 May       | VA    | N4ROA DAN                            |
| 3 June       | MO    | KR0I MAC                             |
| 10 June      | CT    | AA1MY/N1ST SEAB/SCOTT                |
| 12 June      | SC    | N4NK LES                             |
| 17 June      | PA    | NR3Z MARTIN                          |
| 19 June      |       |                                      |

|           |    |        |        |
|-----------|----|--------|--------|
| 24 June   | ID | AB7TK  | RANDY  |
| 26 June   | NE | WB0QQT | STEVE  |
| 1 July    | MI | WA8LCZ | BYRON  |
| 3 July    |    |        |        |
| 8 July    | WI | AE9K   | BRIAN  |
| 10 July   |    |        |        |
| 15 July   | WV | W9XN/8 | MARTIN |
| 17 July   |    |        |        |
| 22 July   |    |        |        |
| 24 July   | NC | KF4AR  | RICK   |
| 29 July   |    |        |        |
| 31 July   |    |        |        |
| 5 August  |    |        |        |
| 7 August  |    |        |        |
| 12 August |    |        |        |
| 14 August |    |        |        |
| 19 August |    |        |        |
| 21 August |    |        |        |
| 26 August | KS | N5CLU  | STEVE  |
| 28 August | MN | K0EVZ  | DOC    |
| 2 Sept    |    |        |        |
| 4 Sept    |    |        |        |

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Date: Thu, 5 Jun 97 08:17:44 HST  
 From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)  
 To: qrp-l@lehigh.edu  
 Subject: [20887] Pacific Plaque  
 Message-ID: <9706051817.AA04858@krypton.nmr.Hawaii.Edu>

The UHM Ham Club is sponsoring the Pacific Division Phone Plaque for the QRP division of the November Sweepstakes for 1997.

So hopefully there will be people out there dusting off their microphones and figuring out how they work. (Hints: Push the button thingie on the mic just once and hold it, do not tap on it, and then talk out loud. Release to listen. You may need to look in the manual for information on something called "Mic Gain", that knob you never bothered with before).

The recently reorganized Amateur Radio Club at the University of Hawaii at Manoa (see what lawyers can do to a simple concept like "UH Ham Club"?) emphasizes emergency preparedness and is proud to encourage operation consistent with this goal, such as QRP.



We would of course prefer to sponsor a CW plaque, but that was already taken. In an actual emergency, many of the Hams who can be pressed into service as operators are going to be more proficient at PTT than CW. So SSB circuits will be very important.

I understand there are still quite a few QRP division plaques available looking for sponsors in various parts of the US.

Contact person to sponsor one of the remaining plaques is:

>Billy Lunt, KR1R  
>Contest Manager, ARRL  
>860-594-0252  
>kr1r@arrl.org  
>blunt@arrl.org

Mike Burger      AH7R      Honolulu County      Grid: BL11ch      QRP-L #1053  
                 FISTS #3225      ARS #240      "Under the Bee's ... 28"

-----  
Date: Thu, 05 Jun 1997 11:28:02 -0700  
From: Bill Jones <kd7s@psnw.com>  
To: qrp-l@lehigh.edu  
Subject: [20888] Bootlegger Alert  
Message-ID: <33970532.E63@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Friends,

Someone has been bootlegging my call. I've received several QSLs from people whom I've not worked. If you hear someone using KD7S and they are NOT QRP, it isn't me. If you work me and ask for my qrp-l membership number and you don't get a two-digit number, it isn't me.

--

=====  
Bill Jones - KD7S  
Sanger, California  
Reply to kd7s@psnw.com  
=====

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Date: Thu, 5 Jun 1997 13:22:03 -0600 (MDT)  
From: n5zgt@swcp.com (Brian Mileschosky)  
To: qrp-l@lehigh.edu  
Subject: [20889] Off to Camp. 72 Everybody!  
Message-ID: <199706051922.NAA13740@kitsune.swcp.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello Everybody,

Well, I'm getting ready to go to Camp Frank Rand in northern New Mexico to work as staff for the whole summer, so I had better postpone my QRP-L messages.

I'll be taking some kind of HF up there with me, so perhaps I'll work some of you on my spare time! If not at camp, then at Field Day. Good luck everybody!

Keep in touch and I'll see you all in a few months! If you would like to see my Boy Scout Troop's web page (I made it a few days ago...it's my first!), please follow this URL: <http://www.swcp.com/~n5zgt>

72,  
Brian, N5ZGT

PS - I'm postponing after I send this message...please e-mail me direct if needed.

---

|                          |                                                |
|--------------------------|------------------------------------------------|
| Boy Scouts of America    | Amateur Radio - N5ZGT                          |
| Eagle Scout (12-6-96)    | ARRL QRP: NorCal# 1700 QRP-L# 580 AK/QRP # 125 |
| JASM - Troop 41          | Author of Worldradio's "Youth Forum" Column    |
| Albuquerque, N.M.        | Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NOAM        |
| O.A. Lodge 66 <-W-W-W-<< | Internet: n5zgt@swcp.com                       |

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-----  
Date: Thu, 5 Jun 1997 13:26:14 -0600  
From: Paul Harden <pharden@aoc.nrao.edu>  
To: kd7s@psnw.com, qrp-l@Lehigh.EDU  
Subject: [20890] Re: Bootlegger Alert  
Message-ID: <199706051926.NAA01641@zia.aoc.nrao.edu>

Bill KD7S writes:

>Someone has been bootlegging my call.  
(snip, in accordance with QRP-L etiquette)

Several years ago, the observatory director retired and sailed the

Carribean ... big hurricane came up ... and the family here asked if I could raise him on ham radio to see if they were OK. So I checked into some maritime net on 20M and the net control immediately jumped all over me for being a pirate ham station, using bogus calls (NA5N), etc. While it got ironed out, it seems some old salt who'd been sailing the waters down there for some time checked in almost daily to run phone patches to his family in Florida ... using \*MY CALL\* !!! His regular attendance on the net made me, of course, the pirate. So the net control asked me to stick around, and eventually the other NA5N checked in which caused quite a confrontation on the net trying to figure out who was the "real" NA5N. Finally I plugged in the old trusty vibroplex bug and we all sent our calls in CW ... which of course some slob off of St. Croix Island suddenly couldn't do. Case solved. (CW to the rescue on that one!).

Nothing makes you feel more violated that hearing someone else using your calls, as Bill pointed out.

But whoever is using Bill's call, I bet it is a radio not nearly as pretty as those homebrew rigs of the \*real\* KD7S. Hands down.

72, Paul "the real" NA5N

PS - VLA Observatory trivia ... tonite (thursday) some rock and roll band called QUEENSRYPHE will be having a live concert in the middle of the desert on the southwest arm at the VLA observatory, using the antennas as a back drop. Don't know the details, but the concert is supposed to be broadcast live on many rock stations and MTV/VH-1 (although don't know if live on the satellites). Also making a music video with a laser light show bouncing off the antennas. They built a stage and bleachers for 2000 people ... brought in a generator truck to power 400,000 watts of audio amplifiers! I volunteered to play security guard to keep the audience from climbing the antennas. The attendees won contests sponsored by radio stations across the country for this secret hush-hush performance.

So if you keep up with rock-n-roll or a Queensryche fan, tune around the radio/satellite TV tonight starting at 7:30pm mountain time to grab the concert. Details at 11pm (sorry, Chuck).

-----  
Date: Thu, 05 Jun 1997 12:41:59 -0700  
From: Ken Lopez <kjlopez@earthlink.net>  
To: pharden@aoc.nrao.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [20891] Re: Bootlegger Alert  
Message-ID: <3397168A.783C@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

> So if you keep up with rock-n-roll or a Queensryche fan, tune around  
> the radio/satellite TV tonight starting at 7:30pm mountain time to  
> grab the concert. Details at 11pm (sorry, Chuck).

Don't forget your earplugs, Paul.

-----  
Date: Thu, 05 Jun 1997 12:43:28 -0700  
From: Ken Lopez <kjllopez@earthlink.net>  
To: QRP-1 <QRP-1@Lehigh.EDU>  
Subject: [20892] Re: Swan QRP rig (REALLY!) 4 sale/swap  
Message-ID: <339716E4.4D6D@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jim, you for got to mention the price! Email direct please.

cheers,  
Ken

-----  
Date: Thu, 5 Jun 1997 12:46:59 -0700 (PDT)  
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>  
To: pharden@aoc.nrao.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20893] Re: Bootlegger Alert  
Message-ID: <Roam.SIMCSD.2.0.4.865540019.19076.myers@bigboy>  
Content-Type: text

Paul Harden wrote:

> So if you keep up with rock-n-roll or a Queensryche fan, tune around  
> the radio/satellite TV tonight starting at 7:30pm mountain time to  
> grab the concert. Details at 11pm (sorry, Chuck).

Hmmm.... Queensryche is OK, but Megadeath would really rock - and  
Metallica would put 'em both to shame....

None of these bands are QRP, though.

;-)

Dana K6JQ  
Dana@Source.Net

-----  
Date: Thu, 5 Jun 1997 13:10:14 -0700 (PDT)  
From: Monte Stark <ku7y@sage.dri.edu>  
To: Jim A Norworthy <kd4kzq@juno.com>  
Cc: QRP-L list <qrp-l@Lehigh.EDU>  
Subject: [20894] Joining ARCI  
Message-ID: <Pine.SUN.3.90.970605130405.24774A-100000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Jim,

All membership applications go to:

Mike Bryce, WB8VGE  
QRP ARCI Membership  
P.O. Box 508  
Massillon, OH 44648-0508

73357.222@compuserve.com

US dues are \$15 per year.

If you would like a nice membership  
certificate, be sure to include \$2 extra with your application.

Mike is the one to answer all your membership questions.

Thanks and cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Thu, 5 Jun 1997 22:10:53 +0100  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: pharden@aoc.nrao.edu  
Cc: qrp-1@Lehigh.EDU  
Subject: [20895] Re: Bootlegger Alert  
Message-ID: <199706052110.WAA11257@chuck.dallas.sgi.com>

Paul,

Hey, saw your antennas on the teaser at the movie for the new movie Encounter with Jodie Foster. You might want to post as the movie approaches or after it comes out where you are in the "big picture of things".

Wear ear plugs.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com  
<http://reality.sgi.com/adams/>  
WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=012

-----  
Date: Thu, 05 Jun 1997 14:25:02 -0700  
From: Norm Melick <henmel@worldnet.att.net>  
To: qrp-1@Lehigh.EDU  
Subject: [20896] 38S Tuning Pots  
Message-ID: <33972EAE.F2F@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Some of the responses to my 10 turn tuning pot question indicated that a 100K pot was not sacred. They said that a 50 or even 10K pot would be better. At the June NorCal meeting, this again was brought to my attention.

So my question is this. I have a 10K pot and a 50K pot. What specifically would I gain, and what improvement should I detect if I change my 100K pot to one of these values?

Thanks in advance for the responses, and the education.

Norm

-----  
Date: Thu, 5 Jun 1997 14:26:11 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [20897] RE: ARRL CW SS QRP Plaque (fwd)  
Message-ID: <199706052126.0AA26388@usr06.primenet.com>  
Content-Type: text

Howdy Folks,

Got this reply back from Billy (ARRL SS plaque critter) when I asked about which plaques were available for sponsorship.

Looks like you need to know \*which\* specific plaque you wish to sponsor before you drop him a note. Which seems a bit odd since I'm sure the list is dynamic, but what the heck. :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"And now... The exploding Blue Danube."

-----  
Forwarded message:

> From blunt@arrl.org Thu Jun 5 05:10:47 1997  
> Subject: RE: ARRL CW SS QRP Plaque  
>  
> Check the Sweepstakes Results in QST. That will give you an idea of which  
> plaques are open.  
>  
> 73,  
>  
> Billy Lunt, KR1R  
> Contest Manager, ARRL

-----  
Date: Thu, 05 Jun 1997 15:02:58 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20898] ARRL Dupe Sheets???

Message-ID: <33973792.7DE9@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Tried to spare the group bandwidth. Been everywhere  
and cannot find a downloadable dupe sheet or Field  
day log.

Anyone have a http address or ftp location. (Prefer  
.pdf, adobe acrobat files. But not very picky.

Little help for a guy out in left field?

-Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)  
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.  
QRP-L#1068/Norcal#??#/ARCI#????  
mailto:we6w@qsl.net http://www.qsl.net/we6w

-----  
Date: Thu, 5 Jun 1997 15:11:50 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: Dana@Source.Net  
Cc: qrp-1@Lehigh.EDU  
Subject: [20899] Re: Bootlegger Alert  
Message-ID: <199706052211.PAA14228@usr09.primenet.com>

Howdy Dana,

Dana (K6JQ) wrote:

>

> Hmmm.... Queensyche is OK, but Megadeath would really rock - and  
> Metallica would put 'em both to shame....

And just once, bring back the D.K.'s as the opening band....  
Now when the heck did slam pits become mosh pits anyway?!?  
Am I \*that\* old? Aw shoot, "And Justice For All" came out  
in '88, D.K.'s broke up around '83... Uh oh.

Guess those "oldies" stations are going to be \*really\*  
interesting in 30 years. :-)

Can you imagine SETI finally breaking through, and alien



vessels arrive at the site in the middle of this? They'd definitely give up any thoughts of invasion. Probably fly home and lock all the doors.

> None of these bands are QRP, though.

Unless they go on "MTV Unplugged". :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Hello me, it's me again!"

-----  
Date: Thu, 5 Jun 1997 15:14:09 -0700 (MST)  
From: Joe Gervais <vole@primenet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [20900] Re: Bootlegger Alert  
Message-ID: <199706052214.PAA14658@usr09.primenet.com>

Howdy Folks,

Ooops. Sorry about that last note. Didn't realize my mailer was cc'ing to QRP-L. I still wonder what the aliens would do though. :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"Hello me, it's me again!"

-----  
Date: Thu, 5 Jun 1997 23:22:26 +0100  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-l@Lehigh.EDU  
Subject: [20901] Dupsheets  
Message-ID: <199706052222.XAA11851@chuck.dallas.sgi.com>

Gang,

On ftp.lehigh.edu in /pub/listserv/qrp-l/forms is  
a file called dupsheet.ps.Z.

If you ftp over, do a 'get dupsheet.ps' and do this  
without the .Z extension, you will wind up with a  
PostScript file for a dup sheet. Just print this on  
your PostScript printer and you'll be set.

8.5x11 format with A-Z boxes. If you work K5F0,  
then go to box F and write K5F0. Repeat for each  
station worked. Note also at the top of the form  
that you can put your station call, the date, the  
band, and the mode.

Hope this helps.

dit dit

Chuck Adams K5F0 CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=012

-----  
Date: Thu, 5 Jun 1997 18:43:11 -0400 (EDT)  
From: Buck Switzer <n8cqqa@tir.com>  
To: n8pvz@worldnet.att.net  
Cc: n8cqqa@tir.com, qrp-l@lehigh.edu  
Subject: [20902] T5W  
Message-ID: <199706052243.SAA14773@tir.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Bernard - 12/96 was the last T5W printed. Although many promises were made,  
no 03/97 issue ever got to the printer.  
K8DD and myself are doing an 06/97 T5W which should be in the mail in 2  
weeks. We will extend all current subscriptions  
by one quarter to make up for the missing issue. Thanks for your patience.

72/73 Buck

L. T. "Buck" Switzer, N8CQA, 654 Georgia Ave., Marysville, MI 48040-1243  
Home (810)364-9640, Home Fax (810)364-8179, Work (810)949-0151, Work Fax  
(810)949-0203  
n8cqqa@tir.com, am441@detroit.freenet.org

-----  
Date: Thu, 05 Jun 1997 17:51:09 -0500  
From: Dave Edson <edson@lisco.com>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [20903] Electronics / Engineering Links  
Message-ID: <339742DD.709A@lisco.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang:

I stumbled across a great web location that is the best summary of links that cover all aspects of electronics/engineering. It takes forever to find all of these resources, so I thought it might be of interest to all. I found it a gold mine for one stop searching! The links listed cover everything from distributors, semiconductors. books, test equipment, pc boards, magazines, physical constants, etc. Also alpha listed by company name.

<http://www.mindspring.com/~brucece/links3.htm>

I have no connection with the web page, other than the gratitude I feel for someone who took a lot of time to put it together.  
Hope this is of use.

73

David      aa0pf

-----  
Date: Thu, 05 Jun 1997 15:52:13 -0700  
From: Kory Hamzeh <kory@avatar.com> (by way of Jerry Parker <jparker@fix.net>)  
To: qrp-l@Lehigh.EDU  
Subject: [20904] Re: Custom 38 Special Enclosures  
Message-ID: <2.2.32.19970605225213.00af2a00@fix.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Does anyone know if this enclosure can fit the 5 watt mod? There is no phone number or e-mail address listed for the manufacturer.

Thanks,  
Kory  
AC6RN

\*\*\*\*\*

The Custom Enclosure accomodates the 5 watt mod and the tick mod nicely.

The Custom Enclosure page is <http://www.fix.net/~slmachco>

The email address for Doug is [slmachco@fix.net](mailto:slmachco@fix.net)

Enjoy,,,72,,,Jerry...WA6OWR...K

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End of QRP-L Digest 748

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